

Call for Papers

Special issue on “OR and Big Data in Agriculture”

Guest Editors

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This special issue of the *International Transactions of Operational Research* aims at collecting contributions that define the state of the art to support decision-making problems in smart farms, agricultural supply chains, precision agriculture, forestry, aquaculture, small-scale farming, land use and environmental protection using Operations Research methodologies and Big Data techniques.

The deadline for submission is December 31, 2019. Although we strongly encourage authors who present their work at the international conference BigDSSAgro 2019 to submit their manuscripts, this Call for Papers is open to the entire research community. Potential topics include, but are not limited to:

- Sensing applications in smart farms.
- Precision agriculture based on OR and Big Data.
- Agribusiness supply chain optimization.
- Forest supply chain optimization.
- Food supply chain optimization.
- Decision support systems in agriculture based on OR and Big Data.
- OR and Big Data for small-scale farming and land use.
- OR and Big Data for policy planning in agriculture.
- OR and Big Data for sustainable development.
- Environment studies and environmental protection based on OR and Big Data.

Each paper will be peer-reviewed according to the editorial policy of the *International Transactions in Operational Research* (ITOR), published by the International Federation of Operational Research Societies (IFORS). Papers should be original, unpublished, and not currently under

consideration for publication elsewhere. Contributions should be prepared according to the instructions to authors that can be found on the journal homepage. Authors should upload their contributions using the submission site <http://mc.manuscriptcentral.com/itor>, indicating in their cover letter that the paper is intended for this special issue. Other inquiries should be sent directly to any of the Guest Editors in charge of this issue: Víctor M. Albornoz (victor.albornoz@usm.cl), Héctor Cancela (cancela@fing.edu.uy), Alejandro F. Mac Cawley (amac@ing.puc.cl), Sergio Maturana (smaturan@ing.puc.cl) and Andrés Weintraub (aweintra@dii.uchile.cl).